

705 PREFORMED PLASTIC PAVEMENT MARKING

Preformed markings have a retro-reflective film coating on a backing that is coated with an adhesive capable of adhering to the roadway surface. Preformed pavement marking tape, arrows and legends come in three basic types depending upon use; Type I (Permanent), Type II (Temporary - Removable), and Type III (Temporary - Nonremovable). Type III (Temporary - Nonremovable) has a metal foil backing which makes it easy to identify. Type III should only be used for temporary markings on pavement surfaces that will be removed, or covered by additional paving during completion of the project. Type II (Temporary - Removable) is more expensive than Type III, but it can be removed manually. Type II can be used for temporary markings on final pavement surfaces. Type I (Permanent) looks similar to Type II. Type I is used for final markings in locations of high wear such as stop bars. Certificates of Compliance are required for all types in accordance with subsection 106.05.

Preformed markings are factory or field cut to the specified shape and are applied with an adhesive. The adhesive may be pre-coated or applied separately. No matter how the adhesive is applied, it must allow the marking to be moved around before the final pressure is applied to seal it in place.

The pavement must be non-bleeding, clean, warm, and dry. The manufacturer's recommendations are to be followed and a copy of the recommendations should be included in the project file.

Temperature records and comments on how the pavement was cleaned and its condition at the time of application are to be included in the Inspector's diary.